

ANALOG DIGITAL AUDIO

LOG DAC's VOLUME CONTROL

| | | | | | Accuracy Relative to 0dB | | | | | | | | THD | Channel | Model Designator | | | | | # | Starting |
|--|--|-------|--------------|------|--------------------------|-------|-------|-------|-------|------------|-------|--------|-----------|------------|------------------|-------|------------------|------|------|----------|----------|
| | | | | | Dyna | | | Range | Range | Gain Error | | Glitch | Plus | Seperati | Temperature | | | | | # | Starting |
| | # | # | +Vcc | Icc | mic | Step | Accu | K/B/T | L/C/U | K/B/T | L/C/U | | Noise | K/B/T | Range | | | | | of | Price |
| MODEL | Bits | D/A's | + mA | mA | Range | Size | racy | Grade | Grade | | | pV-sec | @ 1KHz | Grade | 0 | -25 | -40 | -55 | Pins | /100 | |
| | | | | | | | | | | | | | | | +70 | +70 | +85 | +125 | | | |
| LOG DAC's | | | | | | | | | | | | | | | | | | | | | |
| AD7111 | 8 | 1 | +5V | 4 | 88.5 | 0.375 | 0.17 | 0>30 | 0>36 | 0.15 | 0.1 | 100 | 91 | na | K | | B | T | | \$18.48 | |
| AD7111 | 8 | 1 | | | | 0.75 | 0.35 | 0>42 | 0>48 | | | | | | L | | C | U | | \$24.26 | |
| AD7111 | 8 | 1 | | | | 1.5 | 0.7 | 0>48 | 0>52 | | | | | | | | | | | | |
| AD7111 | 8 | 1 | | | | 3 | 1.4 | 0>60 | 0>66 | | | | | | | | | | | | |
| AD7111 | 8 | 1 | | | | 6 | 2.7 | 0>60 | 0>72 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| AD7111A | 8 | 1 | +5V | 2 | 88.5 | 0.375 | 0.17 | 0>30 | 0>36 | 0.15 | 0.1 | 10 | 91 | na | | | B | | | \$5.34 | |
| AD7111A | 8 | 1 | | | | 0.75 | 0.35 | 0>42 | 0>48 | | | | | | | | C | | | \$7.26 | |
| AD7111A | 8 | 1 | | | | 1.5 | 0.7 | 0>48 | 0>52 | | | | | | | | | | | | |
| AD7111A | 8 | 1 | | | | 3 | 1.4 | 0>60 | 0>66 | | | | | | | | | | | | |
| AD7111A | 8 | 1 | | | | 6 | 2.7 | 0>60 | 0>72 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| AD7112 | (Dual version of AD7111A, pins with the AD7528) | | | | | | | | | | | | | | | | | | | | |
| AD7112A | 8 | 2 | +5V | 2 | 88.5 | 0.375 | 0.17 | 0>30 | 0>36 | 0.15 | 0.1 | 10 | 91 | 87 | | | B | | 20 | \$6.65 | |
| AD7112A | 8 | 2 | | | | 0.75 | 0.35 | 0>42 | 0>48 | | | | | | | | C | | | \$8.50 | |
| AD7112A | 8 | 2 | | | | 1.5 | 0.7 | 0>48 | 0>52 | | | | | | | | | | | | |
| AD7112A | 8 | 2 | | | | 3 | 1.4 | 0>60 | 0>66 | | | | | | | | | | | | |
| AD7112A | 8 | 2 | | | | 6 | 2.7 | 0>60 | 0>72 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| VOLUME CONTROL, 7 BIT MASTER DAC, 5 BIT CHANNEL DAC, VCA, CLICKLESS | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | THD | | | | Model Designator | | | | |
| | | | Power Supply | | | | Noise | Head | Gain | Gain | Gain | Gain | Plus | | Chan | dynam | Temp | | # | Starting | |
| | | | Requirements | | | | 20KHz | Room | Match | Match | Match | Match | 2nd & 3rd | | Seper | Range | Range | | of | Price | |
| | # | # | +Vcc | +Icc | -Vee | -Iee | Band | @ | @ | @ | @ | @ 1KHz | | Vin=+10dBu | -40 | -55 | | Pins | /100 | | |
| MODEL | Bits | D/A's | Volts | + mA | Volts | - mA | dBu | dB | 0dB | -20dB | -40dB | -60dB | Av=0dB | Av=-20dB | dB | dB | +85 | +125 | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| SSM2160 | 7/5 | 6 | +5V | 30 | -5V | 30 | -100 | 10 | .25dB | .25dB | 1dB | 2dB | .008% | 0.02% | 80 | | N or R | | 24 | \$10.95 | |
| | | | | | | | | | | | | | | | | | | | | | |
| SSM2161 | 7/5 | 4 | +5V | 30 | -5V | 30 | -100 | 10 | .25dB | .25dB | 1dB | 2dB | .008% | 0.02% | 80 | | N or R | | 20 | \$8.25 | |